Index
Nutrition Today

Volume 7, 1972

J/F – January/February
M/A – March/April
M/J – May/June
N/G – Nutrition Gazette
J/A – July/August
S/O – September/October
N/D – November/December
ed. – editorial

Pertinent illustrative material, e.g., medical illustrations, charts, graphs, etc., have been included in the index and are indicated by "illus" following the entry. Major articles are listed in italics.

Teaching Aids. An asterisk indicates a Teaching Aid is available on this subject.

SUBJECT INDEX

– A –

AFLATOXIN
in the etiology of cancer of the liver, J/F, 6-7.
AGRICULTURE
production
per capita, in less developed nations, illus., J/F, 17.
in developed and less developed nations, illus., J/F, 17.
ALLEN, FREDERICK M.
"Allen Starvation Treatment," in diabetes therapy, M/J, 5.
ALUMINUM
cookware, vs. cast iron, trends in use, M/A, 35.
AMERICAN ACADEMY OF PEDIATRICS
current activities, selected (N/G), S/O, 3.
AMERICAN MEDICAL ASSOCIATION
Council on Foods and Nutrition
Conference on Guidelines for Nutrition Education in Medical Schools
"Chicapee Conference," recommendations, J/A, 33.
Williamsburg meeting, discussion of proceedings, J/A, 28-32.
ANEMIA
iron deficiency
defined "disease," M/A, 13-14; as symptom, M/A, 13.
determinative epidemiological studies conducted, Medical Research Council, M/A, 5; groups examined, M/A, 19, 21.
Iron deficiency
food fortification a preventive measure, Issue, M/A.
incidence, M/A, 6; debated, M/A, 15.
prevalence
among adolescents in low socio-economic groups, M/A, 8.
among American women, M/A, 7.
in groups of American children, M/A, 8.
in U.S., estimate, 10-state nutrition survey, J/A, 8-9.
ARETAEUS
dietary recommendations for the treatment of diabetes, M/J, 5.
ARTERIOSCLEROSIS
NIH research begun (N/G), J/A, 3.
ASCORBIC ACID
and the common cold, S/O, 22; research report (N/G), N/D, 3.
in orthomolecular medicine, discussion, S/O, 19.
nutriture, average, 10-state nutrition survey, J/A, 9-10.
potential in research, S/O, 22.
requirement, for optimum health, S/O, 19, 21.
stores, depleted, related to emotional health, M/J, 28.
synthesis, by certain animals, S/O, 21.
ASPERGILLUS FLAVUS
see Fungus
ATLANTIC OCEAN
Northern
exploration, "The Britton Viking Sun-Stone Expedition," M/J, 14-16, 21-23, 27-29.
AWARDS & APPOINTMENTS
in science (1972), (N/G), J/A, 3; N/D, 3.

– B –

BANTU
natives
subjects, cancer etiology study, J/F, 3-9.
typical diet, J/F, 5.
BLACKARD, WILLIAM G.
research, epidemiology of diabetes mellitus in Japan, M/J, 9.
BODY WATER
loss, during spaceflight, S/O, 8, 10.
BONE DENISITY
measurement, illus., S/O, 11.
BOOK REVIEWS
The Explorers Cookbook. Luther and Conda Douglas, S/O, 23.
BORDEN AWARD
American Academy Pediatrics, recipient (N/G), N/D, 3.
BOUCHARDAT, APPOLLINAIRE
proposal for diabetic diets, M/J, 5.
BOWEL
large, cancer of, incidence in U.S., J/F, 4, 7.
BREAD
enrichment, with iron, "The Experts Debate," issue, M/A, 1972
prepared, for long sea voyages, M/J, 22, 29.

– C –

CALORIES
carbohydrate, recommended daily allowance, J/A, 25.
1000-calorie balanced diet, illus., J/A, 26.
recommended restriction, in obesity, J/A, 23-24.
740-calorie "normal protein diet," illus., J/A, 25.
CAMPBELL SOUP
genetic development program, selected findings, S/O, 35.
CANCER
bowel, incidence
among Bantu natives, J/F, 4.
in United States, J/F, 4, 7.
colonic & rectal
in U.S. whites and Japanese, adjusted mortality rates (1965), illus., J/F, 6.
relative frequency to total cancer cases, illus., J/F, 8.
esophageal, among Bantu natives, high incidence noted, J/F, 2.
etiology, affected by environmental factors, J/F, 2.
gastrointestinal, California whites vs. U.S. and Japan Japanese, age-standardized mortality rates, illus., J/F, 7.
intestinal, age-adjusted death rates, 1962-3, illus., J/F, 4.
liver, "aflatoxin" related to etiology, J/F, 6-7.
"Some Thoughts on Food and Cancer," J/F, 2-9.
stomach, mortality rates, 1956-57, illus., J/F, 3.
CARBOHYDRATE(S)
dietary, importance, J/A, 25
intake, in diabetes
high, rationale, M/J, 8-10, 12.
"New Concepts in Diabetic Dietetics," M/J, 4-10, 12.

continued

(continued from page 29)

preschool children daily from a central distribution point, or giving the mother food to take home is generally ineffective in reaching children when they are most in need. Moreover, with a few notable exceptions, most programs designed for the preschool child in developing countries are guilty of tokenism—they reach only a minute percentage of those in need. If the stated intent to extend feeding programs to all in need actually were carried out with the countries' own resources, it would lead to economic disaster. Would alternatives such as nutrition education via mass media, price policies to improve local production and consumption of legumes, or subsidies for the distribution and promotion of low-cost protein-rich weaning foods, such as Incaparina, Superamine, Bal-Ahar and Faffa, be more effective?

–A need for the sharing of knowledge and experience in a great variety of disciplines, geographic areas and cultures, which is the purpose of this International Nutrition Congress.

PROBLEMS SHARED

Nutrition problems are common to all countries, rich and poor, more and less developed, and to all political systems. It is true that there are great differences in the distribution of the different types of problem, but we can all learn from each other by freely interchanging results and experiences from the laboratory, the farm, the clinic, the hospital and the community, and by international cooperation in both our basic and our applied research in education and training, and in other efforts to achieve our ultimate nutritional objective, the improvement of the welfare of man.

This Conference comes at a crucial time for nutrition, when our basic understanding of the multifactorial nature of many nutrition problems which are demonstrably cost-effective have not kept pace with the demand for action to prevent malnutrition and to ensure optimal nutrition in both developing and industrialized countries.

May this Congress be an important turning point in man's efforts to eliminate malnutrition as a factor limiting the improvement of human health, education, family planning and general welfare. May it contribute positively to the social and economic development of all nations.

"new" principle of American Diabetes Association, M/J, 8-9.
tolerance curves, illus., M/J, 6.
CARRAGEENAN
shown non-hazardous by FDA (N/G), J/A, 3.
CELL(S)
body, deficient microenvironment a major cause of disease, M/J, 30-32.
CEREAL
displacing natural sources of protein, the near Middle East, J/F, 20-21.
"Genetic Improvement of Crop Foods," J/F, 20-21, 24-25.
methods of nutritional improvement, J/F, 21.
primary source of protein, limitations, J/F, 21.
"CHICOPEE CONFERENCE"
see American Medical Association
CHILDREN
T.L.C. and the hungry child. J/F, 10-14.
CONSUMER PROTECTION AGENCY
to supersede FDA (N/G), J/A, 3.
CORONARY ARTERY DISEASE
research, new study announced (N/G), N/D, 3.
CROSBY, WILLIAM H.
participant, iron enrichment debate, M/A, 4.; statement of opposition, M/A, 5.
CYCLAMATES
compensation suits approved by Federal Government (N/G), M/J, 3.

— D —

DAVIS, ADELLE
on Nutrition in Medical education, S/O, 25.
DEATHS
Houssay, Bernardo Alberto, J/F, 9.
Moore, Carl Vernon, S.O, 33.
DELANEY ACT
see Food Additives
DIABETES
initial use of term, M/J, 5.
therapy
concepts and recommendations, history, M/J, 5-7.
difficulties encountered, M/J, 10-12.
hi-carbohydrate, low-cholesterol diet effects, illus., M/J, 10.
hi-carbohydrate, low-fat diet, rationale, M/J, 8-10, 12.
"Key Points," M/J, 12.
New concepts in diabetic dietetics. M/J, 4-10, 12.
DIET(S)
American, iron content, 1909-1971, M/A, 35.
and coronary heart disease, recommendations, J/A, 21.
Bantu (Mealies), illus., J/F, 6.
"carrot-and-pumpkin," hazards (N/G), M/J, 3.
fad, J/A, 24-26.
in diabetes, see Diabetes, therapy
low carbohydrate, resulting in scale-weight (water) loss, J/A, 24-5.
1000 calorie balanced diet, illus., J/A, 26.
reducing, composition and requirements, J/A, 23-24; basic principles, J/A, 26.
The realities of obesity and fad diets. J/A, 23-26.
740 calorie "normal protein diet," illus., J/A, 25.
DIET MANUAL(S)
New York State, Board of Social Welfare, new publication (N/G), N/D, 1.
DISEASE(S)
defined, M/A, 13.
malnutrition an etiological factor, M/J, 30-32.
DONKIN
recommendations for diabetic diet (skim milk treatment), M/J, 6.
DU VAL, MERLIN K.
photo, J/A, 8.

— E —

EBERS PARCHMENT
list of dietary recommendations, M/J, 5.
EIJKMAN (CHRISTIAAN)
research, existence of deficiency disease, M/J, 31.
ELECTROLYTE
balance, physiological, problem in space flight, S/O, 4, 7-8.
levels, measured, in Apollo 14 crew, pre- and post-flight, illus., S/O, 9.
ELWOOD, PETER C.
participant, iron enrichment debate, M/A, 4ff.
ENGINEERING
genetic, in food production, "Genetic Improvement of Crop Foods," J/F, 20-21, 24-5.
ENLOE, CORTEZ F., JR.
participant, iron enrichment debate, M/A, 4ff.
ENVIRONMENT(AL)
factors, in etiology of cancer, J/F, 2.
pollution, *Mercury, the slippery metal.* N/D, 7.
ENVIRONMENTALISTS
"emotional," threat to food production expansion, J/F, 25.
EXPLORATION
The Britton Viking Sun-Stone Expedition. M/J, 14-16, 21-23, 27-29.
Delight (wooden yawl), illus., M/J, 15.
natural difficulties en route, M/J, 21-22.
nutrition study conducted
daily records kept, M/J, 27-28.
food and suppliers, M/J, 21, 27; illus., 23.
foods preferred, M/J, 29.
physical-emotional correlations noted, M/J, 28-29.
post-voyage health, participants, M/J, 29.
shipboard living, M/J, 22.
westward route, illus., M/J, 15.

— F —

FAO
see United Nations.
FDA
see United States. Food and Drug Administration
FAD DIETS
The realities of obesity and fad diets. J/A, 23-26.
FARBIGEM TECHNIQUE
in glass lamination, J/A, 21.
FILLER, LLOYD J.
chairman, Food and Nutrition Board, NAS/NRC, brief biography, S/O, 33.
FISH
mercury content, selected research, N/D, illus., 11.
source of mercury poisoning, *Frustrations of Bettye Russow.* N/D, 21-22, 23.
FLOUR
and wheat, source of mercury poisoning, N/D, 4460-2D, 9-10.
iron enrichment, issue, M/A, 1972.
per capita consumption, 1968, M/A, 6, 23.
FOOD(S)
and population trends, in less-developed, non-communist countries, illus., J/F, 18.
descriptive terms, definitions, S/O, 14.
"health" and "organic," misnomers, S/O, 12-13.
Some things you may not know about the foods served to children. S/O, 34-35.
Some thoughts on food and cancer. J/F, 2-9.
supply, threatened by mercury, selected studies, N/D, 9-10.
therapeutic potential, *The new medicine.* S/O, 18-19, 21-23.
FOOD ADDITIVES
Delaney Act, amendment proposed (NG), N/D, 3.
Red No. 2, proposed restricted use (NG), S/O, 3.
FOOD ASSISTANCE PROGRAMS
federal outlays, total, J/A, 13.
school lunch programs, participation, J/A, 13.
The success of the federal food assistance programs. J/A, 12-13.
FOOD CONTAMINENTS
"unavoidable levels" disclosed by FDA (NG), M/J, 3.
FOOD, DRUG AND COSMETIC ACT
see United States. Food and Drug Administration
FOOD PROBLEM(S)
world, steps toward elimination, J/F, 19.
FOOD PRODUCTION
increases, (Green Revolution), *Genetic improvement of crop foods.* J/F, 20-21, 23-24.
threatened by "emotional" environmentalists, J/F, 25.
FOOD STANDARDS
see United States. Food and Drug Administration
FROMMEYER, WALTER B.
member, NUTRITION TODAY editorial advisory board, J/A, 27.
participant, iron enrichment debate, M/A, 4
FUNGUS
Aspergillus flavus, illus., J/F, 5.
FUNK, CASSIMIR
"vitamin hypothesis," M/J, 31.

— G —

GENES
in cereal grains, benefits and shortcomings, J/F, 21, 24.
GEYELIN, H. RAWLE
high-carbohydrate diet, in diabetics, recommendations, M/J, 6-7.
GLICK, SEYMOUR
decline of high-carbohydrate diet, M/J, 7.
GLUCOSE
tolerance
in normal and mild diabetics receiving high-carbohydrate diets, M/J, 7-8.
oral, mean, on basal and high-carbohydrate diets, illus., M/J, 8.
GOITER
prevalance, ten-state nutrition survey results, J/A, 10.
GOLDBERGER AWARD IN CLINICAL NUTRITION
G. G. Graham, awardee (NG), J/A, 3.
GOLDSMITH, GRACE A.
participant, iron enrichment debate, M/A, 4
GOURMET SCIENTIST
G. S. dines with the swordfish patriots," N/D, 18-19.
GREEN REVOLUTION
production of high-yielding varieties of cereal grains, J/F, 20-21, 22-24.
GROWTH
failure (infant), pathogenesis secondary to maternal deprivation, illus., J/F, 13.
retardation
mental health implications, J/F, 14.
result of poor nutrition rather than physiological state, study, J/F, 11-14.

— H —

HEART DISEASE
coronary, diet recommendations, J/A, 21.
prevention, adjusted dietary habits urged (NG), J/A, 3.
HEMACHROMATOSIS
incidence, M/A, 6.
HEMOGLOBIN
levels
a measurement of iron deficiency anemia, M/A, 14.
deficient, ten state nutrition survey result, illus., J/A, 10.
HIMSWORTH, SIR HAROLD
research, high carbohydrate diets and glucose tolerance, M/J, 7.
HODGES, ROBERT
comments, Nutrition as a medical speciality, University of California at Davis, J/A, 31.
HOUSSAY, BERNARDO ALBERTO
obituary, J/F, 9.
HUNGER
differentiated from malnutrition, J/F, 16.
elimination, dependent on research and programs, J/F, 18-19.
Hunger and malnutrition—whose responsibility. J/F, 16-19.
prevention and relief a governmental responsibility, J/F, 16.
T.L.C. and the hungry child. J/F, 10-14.

— I —

INCAP
see Institute of Nutrition of Central America
INSANITY
corporeal character, S/O, 22.
INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA
INCAP holds open house. N/D, 24.
organization, N/D, 24.
INSULIN
depression curves, illus., M/J, 6.
serum levels, mean, during oral glucose tolerance tests on basal and high-carbohydrate diets, illus., M/J, 9.
INTERNATIONAL CONGRESS OF NUTRITION (IX)
Ninth International Congress in Mexico City. N/D, 26-27.
panel and symposia program, J/A, 22.
IODINE
status, findings, ten state nutrition survey result, J/A, 10.
IRON
absorption
normal vs. hemochromatic patients, M/A, 7,8.
percentage, per mg. ingested, M/A, 7.
content, of American diet, from 1909-1971, M/A, 35; mg/cal, 1971, M/A, 7.
cookware, vs. other types, use, in American households, M/A, 35.
deficiency
anemia, see ANEMIA
defined, M/A, 21.
The dietary iron controversy. M/A, issue.

enrichment, in various countries, illus., M/A, 20.
enrichment program (FDA).
additional study needed, M/A, 32.
analysis of popular opinions (response letters), M/A, 29.
current controversy explained, M/A, 2-3.
discussion, "The Medical Letter," (NG), N/D, 3.
feasible treatment method for iron-deficiency anemia, discussion, M/A, 22.
form of iron to be used, M/A, 31.
legal basis for new standards, M/A, 26.
nutrient changes required, enriched flour, bread and bakery products, illus., M/A, 15.
proposal excerpts, M/A, 2-3.
risks involved, discussion, M/A, 30-31.
uncertainties of proposals, ed., M/A, 10.
intake
average, daily, U.S.A., M/A, 7; U. S. male, M/A, 23.
declining, *Of (iron) pots and pans*, M/A, 34-35; additional opinions, M/A, 7.
recommended daily intake, M/A, 7; illus., 22.
result, ten state Nutrition survey, J/A, 8-9.
supplemental, for pregnant women, disadvantages, M/A, 9.
stores, advantages (discussed), M/A, 21-22.

IRONWARE
in cooking
to increase dietary iron intake, *Of (iron) pots and pans*, M/A, 34-35.
vs. other types of cookware, use, in American households, M/A, 35.

— J —

JAPAN
Japanese National Nutrition Institute, N/D, 30.
methylmercury poisoning, outbreaks, history, N/D, 8.
national nutrition surveys, methods, J/A, 14.

JOHNSON, OGDEN C.
photograph, J/A, 9.

JOULE
vs. calories, as measure of heat unit, S/O, 13.

— K —

KEEN, PAUL
studying peanut curing methods, J/F, 7.

— L —

LEE, PHILIP R.
on nutrition in medical education, S/O, 24-25.

LEVINSON FOUNDATION
establishes nutrition research prize (NG), S/O, 3.

LIVER
cancer, etiology related to "aflatoxin," J/F, 6-7.
stained section, in patient with esophageal cancer, illus., J/F, 3.

— M —

MALNUTRITION
differentiated from hunger, J/F, 16.
elimination, dependent on research and programs, J/F, 18-19.
factors affecting high incidence, J/F, 17.
Hunger and malnutrition—whose responsibility?, J/F, 16-19.
major finding, ten state nutrition survey, J/A, 6-11.
prevention and relief, a medical responsibility, J/F, 16.
protein-calorie, world nutrition problem, J/F, 16-17.
solutions, research prize established (NG), S/O, 3.

MATERNAL DEPRIVATION
among affluence, noted, J/F, 14.
causes, related to maternal psychological state, J/F, 13.
effect, on development of infants, J/F, 10-14.

MEDICAL EDUCATION
A flaw in medical education, M/J, 30-33.
Nutrition education of physicians, S/O, 24-26, 28.
Nutrition in medical education, J/A, 28-32.
programs, including Nutrition, (selected U. S. schools), J/A, 32-34.

MEDICINE
art, grounded on cooperation with nature, M/J, 30.
"break-down-patchup" philosophy, M/J, 32.
history, *Medical History illuminated*, J/A, 18-21.
nutritional approach to, M/J, 30-32.
orthodox, viewed a hinderance to growth, M/J, 31-32.
orthomolecular, *The new medicine*, S/O, 18-19, 21-23.

MEETINGS (SCIENTIFIC)
1972, scheduled, (NG), M/J, 3; J/A, 3; S/O, 3; N/D, 3.

MEILING, RICHARD L.
on nutrition in medical education, S/O, 26, 28.

MERCURY
basic characteristics, N/D, 4-7.
biological effects, N/D, 7-13.
content, of foodstuffs, selected studies, illus., N/D, 8.
distribution, illus., N/D, 5.
effect, on environment and organisms, N/D, 7-13.
Mercury, the slippery metal, N/D, 4.
poisoning, see POISONING
pollution, of water, N/D, illus., N/D, 7.
production and use, N/D, 4-7.
toxicity, N/D, 4.

MINAMATA
(mercury poisoning), N/D, 6.

MOORE, CARL V.
obituary, S/O, 33.
participant, iron enrichment debate, M/A, 4ff.

MRAK, EMIL M.
member, NUTRITION TODAY editorial advisory board, J/A, 27.
on Nutrition in medical education, S/O, 25-26.

MUELLER, J. F.
comments (summary) on Nutrition in medical education, J/A, 29-30.

— N —

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES
re-organized (NG), J/A, 3.

NATIONAL INSTITUTES OF HEALTH
research program on arteriosclerosis (NG), J/A, 3.

NATIONAL NUTRITION POLICY
desirable, for world communities, J/F, 19.

NAUNYN, BERNHARDT
pioneer, use of measured diets in diabetes therapy, M/J, 5.

NICHMAN, MILTON
photograph, J/A, 8.

NUNEMAKER, JOHN
comments (summary) on Nutrition as a medical specialty, J/A, 31.

"NUTRIBUNS"
increased usage, (NG), S/O, 3.

NUTRIENTS
essential, S/O, 34.
RDA vs. MDR, S/O, 13.

NUTRITION
ambiguous term, S/O, 12.
and disease, ed., J/F, 22.
applied
need for, N/D, 28.
limited international progress, N/D, 28-29.
child, congressional bill passed (NG), N/D, 3.
congresses
INCAP holds open house, N/D, 24.
Third Western Hemisphere, report and proceedings availability, J/F, 15.
definition, proposal and discussions, N/D, 30-31.
education
in medical schools, proposed congressional bill, (NG), S/O, 3.
Nutrition education in the funny papers, M/J, 24-26.
Nutrition in medical education, J/A, 28-32; commentaries, S/O, 24-26, 28.
programs, in Medical schools, selected, U. S., J/A, 32-34.
in World Health Organization, N/D, 28-29, 33.
institutes, national (Japan and India), N/D, 28.
knowledge, expanding and changing, N/D, 28-29.
misinformation, growth, S/O, 24.
optimal states, factor in economic development, N/D, 28-29.
research, in agriculture and animal husbandry, N/D, 29.
A Roman goddess of nutrition, S/O, 28.
science, multidisciplinary nature, N/D, 30.

NUTRITION SURVEYS
Highlights from the ten state nutrition survey, J/A, 4-11.
contents of five volume report, J/A, 15.
editorial comment, J/A, 16.
major findings, J/A, 6-11.
determinants of nutritional status, J/A, 6-7.
general deficiencies, J/A, 7-8.
growth retardation, J/A, 8.
specific nutrient levels, J/A, 8-11.
nutritional problems, relative importance, illus., J/A, 6-7.
population characteristics, J/A, 4-6.
in other countries, J/A, 14-15. (ed.)
in national (U. S.), recent findings, J/F, 16.

NUTRITION TODAY
editorial advisory board, recent appointees, J/A, 27.
nutrition study, transatlantic voyage of Delight (Wright Britton), M/J, 23, 27-29.

NUTRITION TERMINOLOGY
What do we mean by nutrition, N/D, 30-31.
The words we use, S/O, 12-14.

NUTRITIONAL SCIENCE
applied, in the alleviation of hunger and malnutrition, J/F, 18.

— O —

OBESITY
"facts," J/A, 26.
prevelance, ten state nutrition survey result, J/A, 8.
The realities of obesity and fad diets," J/A, 23-26.

OETTLE, A. G.
liver cancer investigation, among Bantu natives, J/F, 7.

OHIO STATE UNIVERSITY
Medical history illustrated, J/A, 18-21.

OPAQUE-2
gene, in corn, benefits and shortcomings, J/F, 21, 24.

ORGANISMS
manufacture ability, loss, through evolution, S/O, 19, 21.

OUR NEW AGE (Comic Strip)
M/J, 24-26.

— P —

PAPYRUS EBERS
see EBERS PARCHMENT

PASTEUR, LOUIS
microbial theory of disease, M/J, 30-31.

PEANUT
contamination, related to high incidence of liver cancer, among Bantu tribes, J/F, 7-8.

PEARSON, HOWARD A.
participant, iron enrichment debate, M/A, 4ff.

PILE, CHARLES HENRY
theory, prevention of excessive sugar production in diabetes therapy, M/J, 5.

PIORRY (PARIS)
dietary recommendations, in diabetes, M/J, 5.

PLASMA
volume, changes noted during space flight, S/O, 8, 10.

POLLUTION
environmental (mercury), N/D, 7-13.

POPULATION
expansion, affecting problems of hunger and malnutrition, J/F, 17-18.
increase, international, selected statistics, J/F, 17.

POISONING
methylmercury
from foodstuffs, *Frustrations of Bettye Russow*, N/D, 21-23.
history, N/D, 4-7.
U. S., first reported case, N/D, 7.

POPULATION TRENDS
and food, in less developed, non-communist countries, illus., J/F, 18.

POTASSIUM
absorption and excretion, illus., S/O, 29.
dietary, recommended intake during space flight, S/O, 11, 29.
effects of deficiency, S/O, 5-6, 11.
levels, of astronauts, negative in-flight balances noted, S/O, 29-30.
physiological, affected by space flight, S/O, 4, 7-8; illus., 9.
values, of selected fruits, vegetables and juices, illus., S/O, 31.

PREGNANCY
iron supplements during, disadvantages, M/A, 9.

PREVENTIVE MEDICINE
A flaw in medical education, M/J, 30-33.

PRIOR, IAN A.M.
research, diseases of civilization, presented in comic book form, M/J, 24-26.

PRITCHARD, JACK A.
participant, iron enrichment debate, M/A, 4ff.;

PROTEIN
animal, scarcity, in developing nations, J/F, 20-21.
"gap," international, N/D, 29.
intake, in-flight, Apollo XI crew, S/O, 30.
levels, ten state Nutrition survey result, J/A, 9.
low content of fad diets, J/A, 25.
products, textured, use and limitations, S/O, 34-35.
related terminology, S/O, 13.

PROTEIN-CALORIE MALNUTRITION
serious international problem, J/F, 16-17.

— R —

RABINOWITCH, ISRAEL M.
advocate, high-carbohydrate, low-calorie diabetic diet, M/J, 7.
RESEARCH
exploration areas, in the elimination of global hunger and malnutrition, J/F, 18.
RHODE ISLAND
"swordfish supplier," N/D, 18.
RICHARDSON, ELLIOT L.
photograph, J/A, 8.
ROLLO, JOHN
dietary recommendations, in diabetes therapy, M/J, 5.

— S —

SALT
heritage, new publication announced, (NG), N/D, 3.
SANSUM, GRAY, BOWDEN
recommendations, diabetic diet, M/J, 7.
SCHAEFER, ARNOLD E.
photograph, J/A, 8.
SCHIZOPHRENIA
biochemical aspects, publication announced, (NG), S/O, 3.
biochemical disorder, S/O, 21-22.
SCHOOL LUNCH PROGRAM(S)
percent of selected nutrients contributed, illus., J/A, 11.
Some things you might not know about the food served to children. S/O, 34-35.
SHORT, DEWEY
Missouri Senatorial Candidate (1934), S/O, 15.
SOCIETY OF THE MEDICAL FRIENDS OF WINE
1972 Wine Research Award, recipient, (NG), N/D, 3.
SODIUM
values, of selected fruits, vegetables and juices, illus., S/O, 30.
SODIUM NITRATE
food additive, possible danger (NG), M/J, 3.
SPACE FLIGHT
see also United States Space Programs
effects, physiological, on astronauts
adaptive changes, assessment method, S/O, 31-32.
biochemical changes, postflight, S/O, 7-8.
body water loss, S/O, 8.
energy consumption measured (Apollo XVI), S/O, 7.
fluid and electrolyte changes noted, S/O, 6.
physiological responses, S/O, 7-10; difficulties in measurement, 6-7.
potassium
levels, S/O, 29-30.
food intake
experimental diets, S/O, 29.
nutrient levels, S/O, 11, 29.
sample menu, illus., S/O, 30.
protein intake, S/O, 30.
SPILHAUS, ATHELSTAN FREDERICK
creator, *Our New Age* comic strip, M/J, 24-26.
SPITZ, RENE
research, effects of types of care on well-being of infants, J/F, 10.
STALVEY, RICHARD M.
participant, iron enrichment debate, M/A, 4ff.
report, legal procedures, FDA, enactment and amendments, M/A, 26-27.
STEREOMETRIC PHOTOGRAMMETRY
in assessing adaptive changes associated with space flight, S/O, 31-32.
STONE, DANIEL B.
research, high-carbohydrate, low-fat diabetic diets, M/J, 8.
STRESS
physiological, effect on potassium, S/O, 4.
SUN-STONE
navigational aide, (Vikings "solstein"), M/J, 15-16, 21; illus., 21.
SWAZILAND
illus., J/F, 3.
SWORDFISH
The gourmet scientist dines with the swordfish patriots. N/D, 18-19.
source of methylmercury poisoning, *The frustrations of Bettye Russow*, N/D, 21-23.

— T —

TAYLOR, ERIC
Rhode Island State Senator, sponsor of swordfish dinner (Gourmet Scientist), N/D, 9.
TEACHING AIDS
availability and complete listing, M/A, 18.
THINKING
vs. doing, in scientific discovery, innovations and progress, ed. S/O, 16.
"TRITICALE"
prime source of protein, J/F, 24.
TURKEY
"X disease," J/F, 6.
TYPHOID FEVER
recent epidemic proportions (NG), J/A, 3.

— U —

UNITED NATIONS
Food and Agriculture Organization
commemorative medal issued, S/O, 28.
World Health Organization
interest in Nutrition, N/D, 24.
nutrition programs published (1965-1971), (NG), S/O, 3.
UNITED STATES. DEPARTMENT OF AGRICULTURE
meat inspection, inadequacy (NG), M/J, 3.
UNITED STATES. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
"A study of health practices and opinions," availability of publication. (NG), N/D, 3.
UNITED STATES. FOOD AND DRUG ADMINISTRATION
food contaminants, statement on 'unavoidable' levels (NG), M/J, 3.
Food, Drug and Cosmetic Act
food standards
original concept, revision, M/A, 26.
regulation, legal basis, M/A, 26.
regulations, enactment or amendment, legal processes involved, M/A, 27.
section 401, legal basis for new standard on iron enrichment, M/A, 26.
section 701, origin, M/A, 26-27.
policy formation, need for consideration of cellular malnutrition, M/J, 32-33.
proposal, voluntary food labelling program (NG), M/J, 3.
regulations to be published, vitamin labelling (NG), J/A, 3.
testing programs, for mercury content of fish (1970), N/D, 8-9.
UNITED STATES. PUBLIC HEALTH SERVICE
health and nutrition survey planned (NG), N/D, 3.
UNITED STATES. SPACE PROGRAMS
see also SPACE FLIGHT
Apollo XVI lift-off, illus., S/O, 5.
food packaging, illus., S/O, 8, 9, 10.
food systems, weight and volume comparisons, illus., S/O, 7.
LMP at landing site, illus., S/O, 31.
meals, pre-cooked, typical, illus., S/O, 6.
Mission Operations Control Room, illus., S/O, 30.
pressure suit, neck-ring area, illus., S/O, 10.
What we've learnt from space exploration. S/O, 4-11, 29, 32.

— V —

VIKING(S)
navigational aides, M/J, 15-16, 21.
VITAMIN(S)
children's, TV advertising withdrawn (NG), S/O, 3.
deficiency, prevelance, ten state Nutrition survey result, J/A, 6,7.
establishment of terms, S/O, 14.
role, in etiology of disease, pioneer research, M/J, 30-31.
VITAMIN A
levels (deficient or low), ten state Nutrition survey result, illus., J/A, 9.
VITAMIN B_1 (THIAMINE)
status, findings, ten state Nutrition survey, J/A, 10.
synthesis, animal loss of manufacture ability, S/O, 21.
VITAMIN B_2 (RIBOFLAVIN)
status, findings, ten state Nutrition survey, J/A, 10.
VITAMIN C
see ASCORBIC ACID
VITAMIN E
supplementation, affecting improved athletic performance (NG), J/A, 3.
VON DURING (AMSTERDAM)
recommendations, diabetic diets, M/J, 6.
VON NOORDEN, CARL HANKO
"oat cure," regimen in diabetes therapy, M/J, 6.

— W —

WATER
pollution, from mercury, illus., N/D, 7.
WEIGHTLESSNESS
see SPACE FLIGHT
WHEAT
and flour, source of mercury poisoning, N/D, 6-7.
production
increase, in developing nations, affecting total economy, J/F, 20.
increase occurring in India, J/F, 20.
WILLIAMS, ROGER J.
on Nutrition in medical education, S/O, 26.
WILLIAMSBURG CONFERENCE
on Nutrition Education in medical schools, J/A, 28-32; commentaries, S/O, 24-26, 28.
WILLIS, THOMAS
attributed with high-carbohydrate, low-calorie therapy in diabetes, M/J, 5.
WINTROBE, MAXWELL M.
participant, iron enrichment debate, M/A, 4ff.
WORDS
The words we use. S/O, 12-14.

AUTHOR INDEX

Ackerman, Lauren V.
Some thoughts on food and cancer. J/F, 2-9.
Aykroyd, W. R.
What do we mean by nutrition? N/D, 30-31.
Berry, Charles A.
What we've learnt from space exploration. S/O, 4-11, 29-32.
Bierman, Edwin L.
see Wood, Francis C., Jr.
Borlaug, Norman
Genetic improvement of crop foods, J/F, 20-21, 24-25.
Britton, Wright
The Britton Viking sun-stone expedition. I. The voyage of the Delight. M/J, 14-16, 21-23.
Butz, Earl L.
The success of the federal food assistance programs. J/A, 12-13.
Connor, William E.
see Stone, William B.
Enloe, Cortez F., Jr.
The heart of the matter. M/A, 10.
A Milestone. J/A, 16.
Mr. John D. Junior's window. S/O, 16.
No Holy grail. J/F, 22.
Nutrition surveys in other lands, J/A, 14-15.
see Krehl, Williard A.
Fineberg, Seymour K.
The realities of obesity and fad diets. J/A, 23-26.
Goldsmith, Grace A.
Hunger and malnutrition—whose responsibility? J/F, 16-19.
Hartley, Herbert L.
"Vox Populi," M/A, 28-29.
Korns, Robert F.
Frustrations of Bettye Russow. N/D, 21.
Krehl, Willard A.
The Britton Viking sun-stone expedition. II. Nutrition support of the expedition. M/J, 23, 27-29.
Mercury, the slippery metal. N/D, 4-15.
Murphy, W. B.
Some things you might not know about the foods served to children. S/O, 34-35.
Pauling, Linus C.
The new medicine. S/O, 18-19, 21-23.
Scrimshaw, Nevin S.
Let's use what we know. N/D, 28-29, 33.
Sharon, Gerhard S.
Nutrition education in the funny papers. M/J, 24-26.
Of (iron) pots and pans. M/A, 34-35.
Smith, Malcolm
see Berry, Charles A.
Stalvey, Richard M.
Legislation by litigation. N/A, 26-27.
Todhunter, Neige
The words we use. S/O, 12-14.
Varela, Luis
Ninth International Congress in Mexico City. N/D, 26-27.
Whitten, Charles F.
T.L.C. and the hungry child. J/F, 10-14.
Williams, Roger J.
A flaw in medical education. M/J, 30-33.
Wood, Frances C., Jr.
New concepts in diabetic dietetics. M/J, 4-10, 12.